

PAWIN SAKTHI S R

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Education

Erode Sengunthar Engineering college 2024 – 2029 MTECH in Computer Science Engineering – CGPA: 8.54

Jai saradha Matriculation Hr. Sec. School 2017 HSC (Class XII) – 89.75%

Jai saradha Matriculation Hr. Sec. School 2015 SSLC (Class X) – 87.20%

Experience

Devops Intern, Altalaya solution – Tirupur , Tamil Nadu 07 Jun 2026 – 30 Jun 2026 • Developed and implemented a **CRM Integration framework** that seamlessly integrates CRMs like Salesforce with the client's system, reducing manual data entry by **60%**

- Designed and developed a **generic parser** that accepts data interchange formats of any type and converts them into any target format after data processing
- Worked on JOLT transformation of **5+ entities** to support data transformation
- Tech stack: java , c++,python, Spring; Database: MySQL

Projects

ESEC College Event Ticketing Site (SYCON) JAN 2025 – MAR 2025 • Automated ticket generation with dynamic data embedding and unique **QR codes** for entry validation, plus on-the-fly certificate generation with **100%** accuracy

- Architected an end-to-end event management portal for a **1000+ attendee** speaker event at SSN College of Engineering, integrating a secure payment gateway and automated email confirmations to deliver a seamless online registration flow
- Engineered a normalized relational schema and server-side business logic to manage attendee records, transaction states, and real-time registration analytics, ensuring data integrity at scale
- Tech stack: PHP, MySQL

ESEC College Official Faculty Website JAN 2026 – FEB 2026 • Built a platform for communication between faculty and students of Erode sengunthar Engineering college, developed exclusively for the faculty

- Designed the DB schema for user management, communication workflows, announcements, and scalable data access • Implemented role-based access control for faculty and student users, enabling permission-driven access to announcements and platform features
- Tech stack: JavaScript; Database: Firebase

Currency Recognition for the Visually Impaired MAR 2026 – APR 2026 • Built an accessibility-focused mobile app that empowers visually challenged users to identify currencies across multiple countries along with their denominations in real time

- Implemented an image-processing pipeline to detect and classify currency notes from live camera input, integrated with a **text-to-speech** engine to deliver instant audio feedback
- Designed a hands-free, voice-driven UX with Firebase-backed data sync, enabling reliable recognition under varying lighting and orientation conditions
- Tech stack: JavaScript, NLP, Firebase

Skills

Languages (Advanced): C++, Java

Languages (Intermediate): C, HTML, CSS, SQL

Tools & Technologies: Git, Jenkins, MongoDB, Firebase, Spring Boot, Hibernate, REST APIs, Microservices

Profiles: github.com/pawin-code

Achievements

- Solved **600+ problems** on GeeksforGeeks with handle nandy208
- Recognized as Author of the Spring AU Projects Showcase 2021 and rewarded with a cash prize at Accolite Digital • Ranked **1st** in school in the Class XII examination (89.75%) and **2nd** in school in the Class X examination (87.20%)